



/// BBC  
**CELLPACK**  
Electrical Products

Cellpack underground  
cable connecting systems

The connection you can count on

## PLP Australia

Preformed Line Products (PLP) is an Australian manufacturing company that has been supplying quality products to the electricity power utility, telecommunication, cable television and data network industries as well as specialised niche markets in Australia since 1961.

PLP's extensive product range, technologies and services help build, protect and maintain critical infrastructure. PLP supplies high quality cable anchoring and control hardware systems for supporting, protecting, terminating and splicing transmission and distribution lines.

Experienced engineers provide technical support and inspection services accompanied with in-depth data analysis from unmanned aerial inspection vehicles.

Inventiveness, integrity and foresight are the foundations of PLP, and the company continues to improve power utility networks by creating and building innovative new products for the industries it serves.

PLP Australia has a dedicated team of on-site customer focused support staff and industry experienced external sales professionals to assist customers from initial project costing to on time delivery. This enables us to respond quickly to our customers ever changing needs.

## BBC Cellpack

BBC Cellpack underground electrical products has a reputation for high quality cable connecting systems and accessories for Medium Voltage (MV) and Low Voltage (LV) applications.

PLP is the exclusive distributor of Cellpack MV and an authorised distributor of Cellpack LV underground cable connecting systems.

The system solutions and products developed by BBC Cellpack for complex applications in the power utilities, electrical wholesale and specialist electrical trades have significantly contributed to the high operational safety standards for the power supply services.

BBC Cellpack has gained worldwide recognition for its use of high-quality materials and products that undergo continuous rigorous performance testing in their laboratories based in Germany.

The thoroughly tested products ensure the safe and reliable functioning of their system solutions.

## Cast Resin Technology



BBC Cellpack cast resin joints offer long-term protection, insulation properties and resistance for all kinds of cable accessories and cross sections.

The cast resin joints are comprised of high-grade, unfilled two-component PUR cast resins. They are designed for various applications including shockproof plastic moulds available with or without integrated strain relief. The cable joints are resistant to mechanical and electrical loads.

The cast resins are available individually in two-chamber bags with separation bars, if requested. The mixing of the cast resin component and the hardener is effected directly before filling into the mould with at least one filling opening.

## Gel Technology



**EASY-PROTECT** is a unique system of gel-filled housings for easy, fast and safe moisture protection of WAGO COMPACT Splicing Connectors.

**EASYCELL**® gel joints provide an easy, quick and practical solution for connecting and branching low voltage cables up to 1 kV.

The impact-resistant polypropylene plastic shells are made from flame-retardant material suitable for use in demanding environments.

Label-free, silicone-based gel sealing compounds for protecting electrical and electronic components in the low voltage range up to 1 kV are available. They are transparent, individually portioned, easy to remove, halogen-free, UV-resistant and flexible.

## Plug-in + Termination Technology

**Compax** is a compact, pluggable straight-through joint with a high level of pre-configuration.

**Cellplux** is a range of innovative, pluggable connections for outer-cone-systems.

Compax and Cellplux used together, have been developed specifically for polymeric-insulated 1-core medium voltage cables.

The integrated component system and robust construction allow for a fast and safe installation of cross-section joints and connector solutions.



**Contrax** is a range of medium voltage terminations and straight-through joints that integrate the core components within a one-piece insulator.

Contrax is made from silicone rubber resistant to high voltage. These expand and are easily installed with the patented slip-on accessory supplied with the assembly only.

BBC Cellpack has efficient modern production facilities and high voltage testing laboratories to ensure the highest quality products.



## Heat Shrink Technology



Cable accessories with heat shrink components made from extruded plastic material (thermoplaste) are suitable for a variety of cables and a wide range of applications.

The heat shrink accessories protect the cable connection from water and moisture penetration, preventing metal corrosion and ensuring excellent electrical insulation and mechanical protection for safe and reliable operations.

The heat shrink product range includes straight-through, transition and pot end joints, terminations, wall ducts, repair sleeves, repair kits, heat shrink moulded parts as well as heat shrink tubes in various designs.

## Connecting Technology



BBC Cellpack screw connectors and screw cable lugs are suitable for a range of cross-sections, reliable terminations and joints for copper and aluminium cables.

The innovative shear-off head bolts are designed for use with one conventional tool. The integrated centering and other design features eliminate common assembly errors before the installation.

Compression connectors, compression cable lugs, branch clamps and wire connectors are also available to provide a safe and permanent connection for copper or aluminium cables.

## Accessories & Specific Products

BBC Cellpack provides a range of field-tested accessories for various uses and applications.

Tools are available for connecting and branching of low and medium voltage cables; bundling, marking or feeding cables and wires and for insulation, sealing and cleaning.

The product portfolio ranges from heating systems to cable ties, markers and fastening elements.



### Accessories and Tools available

- heat shrink torch kits
- clamp tools
- striping tools
- leaners – cloth or spray
- anti-corrosion and insulation sprays
- cable lubricants
- putty and sealing compounds
- cable centering aids
- screen connecting kits for telecommunication cables



## Insulation & Mounting Tapes



BBC Cellpack has a range of electrical insulation and mounting tapes that have been optimally designed for specific applications.

Insulating, bundling, labelling, protecting, affixing, mounting, padding, sealing and repairing tapes are available for low and medium voltage.

**Premio** PVC electrical insulation tapes are high quality and available in all standard colours. They are flexible, stabilised against UV rays and packed separately in practical plastic boxes.

The Premio range also has PVC and PSE tapes for bundling and affixing, heat-resistant glass fibre cloth tapes and copper foil tapes for discharge and screening.

